

INTERMOUNTAIN POWER PROJECT SWIRLER

DESIGN

- o 40 VANES WELDED TO INNER AND OUTER SHROUD
- o ATTACHES TO ~~COAL NOZZLE~~ ^{inner air sleeve} BY 16 FLEX BAR SUPPORTS
- o INNER SHROUD INTERLOCK PINNED TO SEGMENTS
axial integrity

ADVANTAGES

- o SEGMENTED DESIGN ALLOWS FOR THERMAL GROWTH BETWEEN THE OUTER SHROUD AND THE COAL NOZZLE
- o INTERLOCK PIN DESIGN PERMITS RADIAL AND TANGENTIAL THERMAL GROWTH WHILE CONSTRAINING AXIAL SEGMENT MOVEMENT